

# MATERIAL SAFETY DATA SHEET

Date-Issued: 11/08/2000  
MSDS Ref. No: 28003  
Date-Revised: 11/28/2000  
Revision No: 2

Master Collection™ Rose Food 9-18-18

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Master Collection™ Rose Food 9-18-18

**PRODUCT DESCRIPTION:** Timed-Released Plant Food

### MANUFACTURER

The Scotts Company  
Hyponex - Miracle Gro - Scotts Sierra  
14111 Scottslawn Road  
Marysville, OH 43041

### 24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300  
International: 1-703-527-3887  
Emergency Phone: 1-937-644-0011

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Urea	57-13-6	None	None
Ammonium Phosphate	7722-76-1	None	None
Diammonium Phosphate	7783-28-0	None	None
Potassium Chloride	7447-40-7	None	None
Sulfur	7704-34-9	None	None
Magnesium oxide fume	1309-48-4	10 mg/m3	None
Magnesium Sulfate	7487-88-9	None	None
Copper Oxide	1317-38-0	1 mg/m3	1 mg/m3
Copper Sulfate	7758-98-7	None	1 mg(Cu)/m3
Ferrous Oxide	1309-37-1	10 mg Fe/m3	5 mg Fe/m3
Ferrous Sulfate	7782-63-0	1 mg Fe/m3	1 mg Fe/m3
Manganese Sulfate	7785-87-7	5 mg Mn/m3	5 mg Mn/m3
Manganese Oxide	1344-43-0	5 mg Mn/m3	5 mg Mn/m3
Zinc Sulfate	7733-02-0	None	None

Nuisance Dust

15 mg/m<sup>3</sup>

3 mg/m<sup>3</sup>

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### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Granular

IMMEDIATE CONCERNS: May cause skin and eye irritation.

#### POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause skin irritation.

INGESTION: Possible nausea, vomiting, diarrhea.

INHALATION: Excessive inhalation of dust may cause irritation and coughing.

**MEDICAL CONDITIONS AGGRAVATED:** Inhalation of dust may aggravate asthma in susceptible individuals. Prolonged skin contact may cause mild skin irritation.

**ROUTES OF ENTRY:** Ingestion

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### 4. FIRST AID MEASURES

**EYES:** If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**SKIN:** If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**INGESTION:** If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**INHALATION:** Move person to fresh air. Call a poison control center or doctor for further treatment advice. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for further treatment advice.

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### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** Not Flammable

**EXTINGUISHING MEDIA:** Material is non-flammable. Use extinguishing media suitable for the surrounding fire.

**HAZARDOUS COMBUSTION PRODUCTS:** In a fire, may produce oxides of nitrogen, carbon, potassium, phosphorus, chlorine, sulfur, and magnesium, as well as ammonia.

**EXPLOSION HAZARDS:** In a fire, may produce oxides of nitrogen, carbon, potassium, phosphorus, chlorine, sulfur, and magnesium, as well as ammonia.

**FIRE FIGHTING PROCEDURES:** Use self-contained air supply. Ammonium is toxic to aquatic organisms. Keep runoff from reaching any body of water.

**FLASHPOINT:** Not Flammable.

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## 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Do not contaminate water when disposing of equipment washwaters. Keep out of lakes, streams, or ponds. Remove to approved landfill.

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## 7. HANDLING AND STORAGE

### **HANDLING:**

See label. Wash hands with soap and water after handling product. Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Do not contaminate water when disposing of equipment wash waters. Keep out of lakes, streams, or ponds. **KEEP OUT OF REACH OF CHILDREN.**

### **STORAGE:**

See label. **KEEP OUT OF REACH OF CHILDREN.** Avoid container breakage. Store in cool, dry area in closed container or package. Keep away from food or foodstuffs.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Protective eye wear is normally not required but is suggested so contact can be avoided.

**SKIN:** Gloves are not required under normal conditions of use. Water-proof gloves are suggested for sensitive individuals or where prolonged skin contact may cause mild irritation.

**RESPIRATORY:** If airborne dust levels are high, a dust mask is recommended to avoid inhalation.

**COMMENTS:** The ACGIH Threshold Limit Values (TLV) for nuisance (inert) dusts containing < 1% crystalline silica and no asbestos are: 10 mg/m<sup>3</sup> inhalable particulates and 3 mg/m<sup>3</sup> respirable particulate. The OSHA TLV is 15 mg/m<sup>3</sup> total dust, 5 mg/m<sup>3</sup> respirable fraction.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Granular

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## 10. STABILITY AND REACTIVITY

**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**CONDITIONS TO AVOID:** Fire conditions.

**STABILITY:** Stable

**POLYMERIZATION:** Will not occur

**HAZARDOUS DECOMPOSITION PRODUCTS:** In a fire, may produce oxides of nitrogen, carbon, potassium, phosphorus, chlorine, sulfur, and magnesium, as well as ammonia.

**INCOMPATIBLE MATERIALS:** Corrosive to metals.

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## 11. TOXICOLOGICAL INFORMATION

**CARCINOGENICITY:**

IARC: No

NTP: No

OSHA: No

**GENERAL COMMENTS:** Eye contact with urea powder has caused reversible corneal opacity along with irritation, tearing, and blinking as a foreign body in the eye. Skin contact with powdered urea may cause only mild irritation while ingestion may cause nausea, vomiting, and possible excitement and convulsions. High concentrations of dusts may cause upper respiratory tract irritation with coughing, nasal discharge, sore throat sneezing and shortness of breath. There is no data available regarding potential carcinogenic effect to humans following exposure to urea. Existing data regarding the mutagenic effects of urea are inconclusive.

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## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Keep out of lakes, streams, or ponds.

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## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Remove to approved landfill.

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## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** This product is not DOT regulated

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## 15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: YES CHRONIC: NO

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## 16. OTHER INFORMATION

### REVISION SUMMARY

Revision #: 2

This MSDS replaces the November 22, 2000 MSDS. Any changes in information are as follows:  
In Section 1

Prepared By Section 1 Footnotes

#### NFPA CODES

HEALTH: 2 FIRE: 0 REACTIVITY: 0

#### HMIS CODES

HEALTH: 2 FIRE: 0 REACTIVITY: 0

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